User's Guide

FourPointSurround FPS1500

Safety & Regulatory Information

The following sections contain notices for various countries:

CAUTION: This device is intended to be installed by the user in a CSA/TUV/UL certified/listed IBM AT or compatible personal computers in the manufacturer's defined operator access area. Check the equipment operating/installation manual and/or with the equipment manufacturer to verify/confirm if your equipment is suitable for user-installed application cards.

Modifications

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the device.

WARNING: To prevent fire or shock hazard, do not expose this appliance to rain or moisture.

Compliance

This product conforms to the following Council Directive:

❑ Directive 89/336/EEC, 92/31/EEC (EMC)

Important Notice

The serial number for the *FourPointSurround FPS1500* is located on the subwoofer. Please write this number down and keep it in a secure area. This is for your security.

IMPORTANT

The lightning flash, with arrowhead within an equilateral triangle, alerts you to the presence of uninsulated dangerous voltage within a product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to people.

WARNING

SHOCK HAZARD
DO NOT OPEN

TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE SUBWOOFER'S COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The exclamation point within an equilateral triangle alerts you to the presence of important operating and maintenance (service) instructions.

READ AND HEED IMPORTANT SAFETY WARNING ON BOTTOM OF SUBWOOFER ENCLOSURE

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, INSERT FULLY.

WARNING:

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

COMPLIANCE

THIS PRODUCT CONFORMS TO THE FOLLOWING COUNCIL DIRECTIVE:

DIRECTIVE 89/ 336/ EEC, 92/ 31/ EEC (EMC), 73/ 23/ EEC (LVD)

IMPORTANT NOTICE

The serial number for your *FPS1500* is located on the subwoofer. Please write this number down and keep it in a secure area. This is for your security.

IMPORTANT SAFETY INSTRUCTIONS

READ INSTRUCTIONS - All safety and operating instructions should be read before the *FourPointSurround FPS1500* subwoofer/satellite system is operated.

RETAIN INSTRUCTIONS - The safety and operating instructions should be retained for future reference.

HEED WARNINGS - All warnings on the subwoofer and in the operating instructions should be adhered to.

FOLLOW INSTRUCTIONS - All operating and use instructions should be followed.

CLEANING - Unplug the subwoofer from the wall outlet or other power source before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

ATTACHMENTS - Do not use attachments not recommended by Cambridge SoundWorks as they may cause hazards.

WATER AND MOISTURE - Do not use the subwoofer near water—for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.

ACCESSORIES - Do not place the *FourPointSurround FPS1500* system on an unstable cart, stand, tripod, bracket, or table. The subwoofer or satellites may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by Cambridge SoundWorks, or sold with the product. Any mounting of the satellites or subwoofer should follow the manufacturer's instructions, and should use a mounting accessory recommended by Cambridge SoundWorks.

VENTILATION - Slots and openings in the cabinet are provided for ventilation, to ensure reliable operation of the subwoofer and to prevent it from overheating; and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. The subwoofer should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or Cambridge SoundWorks' instructions have been adhered to.

HEAT - The subwoofer should be situated away from heat sources such as radiators, heat registers, stoves, and other products (including amplifiers) that produce heat.

POWER SOURCES - The subwoofer should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power or other sources, refer to the operating instructions.

POLARIZATION - The subwoofer may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

POWER-CORD PROTECTION - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the subwoofer.

LIGHTNING - For added protection for the *FourPointSurround FPS1500* system during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the subwoofer due to lightning and power-line surges.

OVERLOADING - Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.

OBJECT AND LIQUID ENTRY - Never push objects of any kind into the subwoofer through openings as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the subwoofer.

SERVICING - Do not attempt to service the subwoofer yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

DAMAGE REQUIRING SERVICE - Unplug the subwoofer from the wall outlet or other power source and refer servicing to qualified service personnel under the following conditions:

a) When the power-supply cord or plug is damaged.

b) If liquid has been spilled, or object have fallen into the subwoofer.

c) If the subwoofer has been exposed to rain or water.

d) If the subwoofer does not operate normally by following the operating instructions; or exhibits a distinct change in performance.

e) If the product has been dropped or damaged in any way.

REPLACEMENT PARTS - When replacement parts are required, be sure the service technician has used replacement parts specified by Cambridge SoundWorks or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

SAFETY CHECK - Upon completion of any service or repairs to the *FourPointSurround FPS1500* system, ask the service technician to perform safety checks to determine that the *FourPointSurround FP1500* system is in proper operating condition.

WALL OR CEILING MOUNTING - The *FourPointSurround FPS1500* satellites should be mounted to a wall or ceiling only as recommended by Cambridge SoundWorks.

Contents

FourPointSurround™
FPS1500

Thank you for buying FourPointSurround FPS1500 by Cambridge SoundWorks. This 4.1 multimedia speaker system supports the best audio technology today: EAX™ , DirectSound® 3D, and discrete four-channel gaming, giving you superior audio reproduction performance.

Inventory

❐ Examine each unit carefully. If anything is missing or damaged, do not install or use the system. Contact the retailer where the system was purchased.

❐ Save the carton and its inserts in case you need to ship or move your *FPS1500* system later.

Note
Tripod stands for the rear satellites are available from www.creative.com.

Tripod Stands

Subwoofer
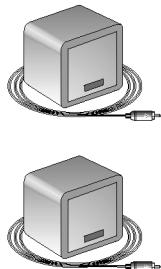
Satellites (4)
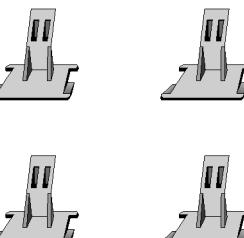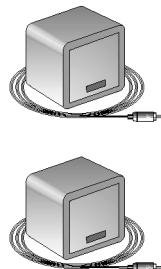
Desktop Stands for Satellites (4)

Screws and Plastic Anchors (2)

Strips of Rubber Pads (2)
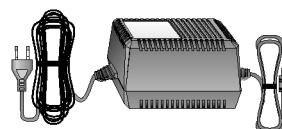
13.5V 1.8A DC Power Adapter (varies from country to country)

Volume Control with Holder
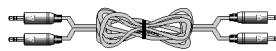
Audio Connection Cable (1)

Semipermanent mounting Strip (1)

Identification Labels

Speaker Placement

❒ For the strongest bass output, place the subwoofer on the floor in a corner.

❒ Place the front satellites to the sides of your monitor.

❒ To connect the cables correctly later, use the identification labels provided to mark the satellites and their cables.

❒ Keep the path between you and the satellites clear.

Caution

❒ Do not place the subwoofer near your monitor, on the work surface or on a shelf.
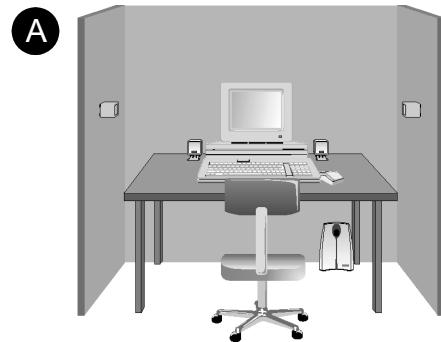
Rear satellites mounted on walls behind you

Rear satellites placed at the extreme corners of your desk
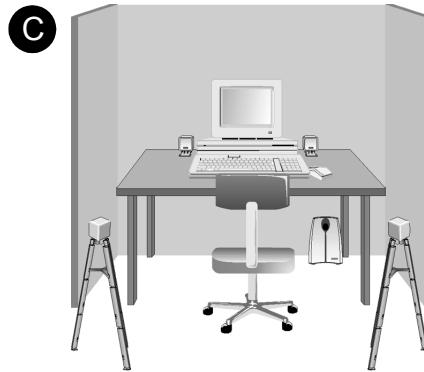
Rear satellites mounted on tripods (if purchased)

Installing Desktop Stands

1 Apply identification label to back of satellite.

3 Insert attachment arm into socket at back of satellite.

Attachment arm.

2 Thread satellite cable through hole in desktop stand.

4 Apply Identification label to cable.
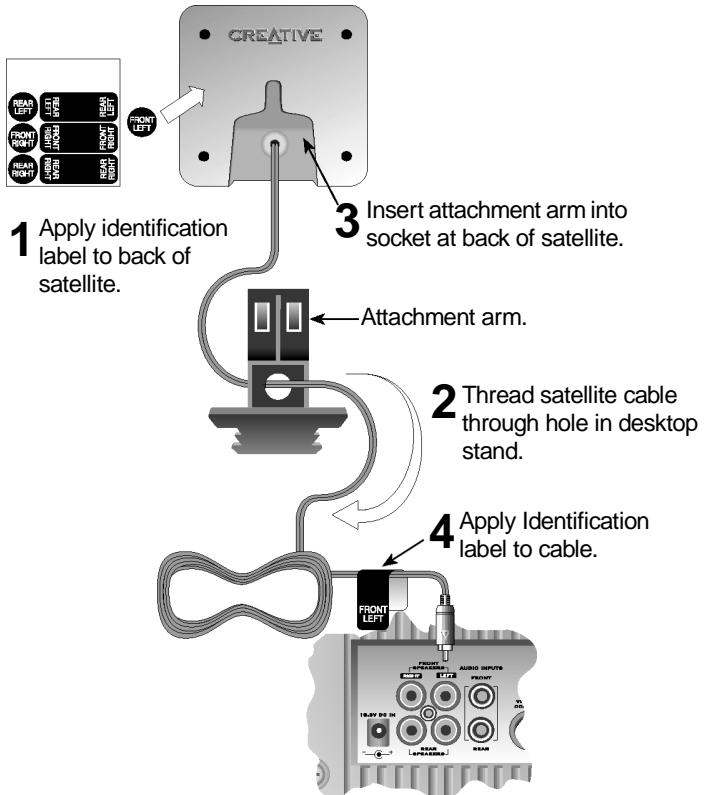
Mounting Rear Satellites on Walls

❒ Mount the rear satellites only on walls that are structurally sound.

❒ Position the satellites behind you and slightly above ear level.

1 Drill a hole about 0.5 cm (¼ inch) deep into wall.

2 Tap plastic anchor into hole until it is flush with wall.

3 Screw a M5 x 25 mm screw into anchor, leaving about 0.5 cm (¼ inch) protruding.

4 Apply rubber pads on the back of each rear satellite.

5 Slip keyhole slot of each rear satellite onto protruding screw.
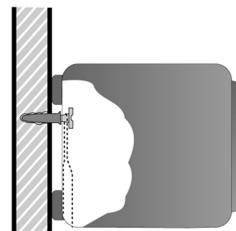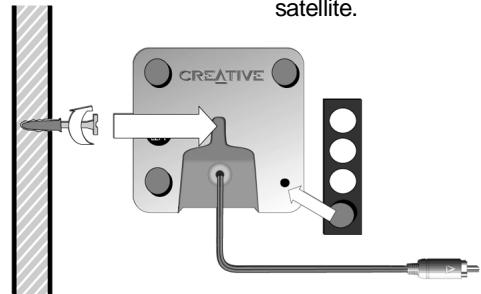
Volume Control/Power Switch

❐ Attach the Volume Control holder only to a mounting surface that is smooth and clean, for example, the side of your computer monitor.

❐ See "Controlling Noise and Distortion" on page 12 for related information.
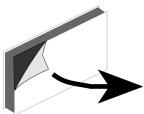
1 Remove protective paper from one side to reveal adhesive.
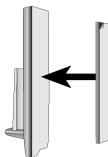
2 Press exposed adhesive side firmly against back of holder.
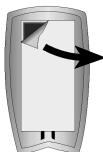
3 Peel off remaining paper strip from mounting tape on holder.
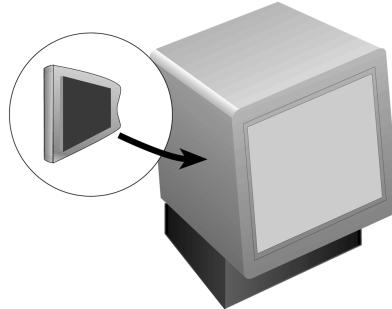
4 Press the exposed adhesive side firmly against the mounting surface.
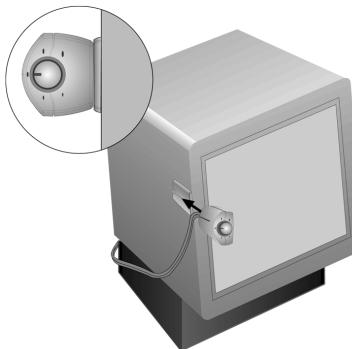
5 Slide the volume control into the holder.

Audio Source Connection

A **To computer audio card or 4-channel player**
(lime-green and black miniplugs)

Audio connection cable
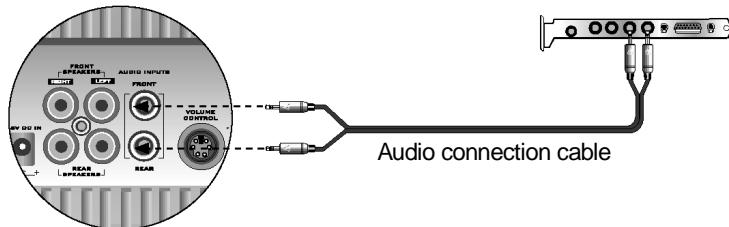
B **To 2-channel computer audio card**
(lime-green miniplugs only)

Audio connection cable

C **To stereo players**
(lime-green miniplugs only)

CD Player

Minidisc Player

Audio connection cable
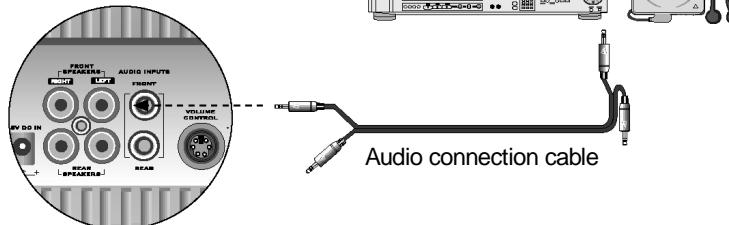
Connecting Speakers

Front Right Satellite
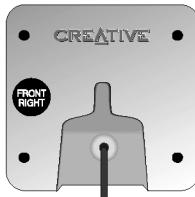
To power source.
Note: Disconnect from power source if not in use for more than a few days.

Adjust the Bass Level control to achieve the bass output you like. To maximize music performance, set the control to the left half of the dial. For heavy-bass music, set it to the right half. For games, set it anywhere along the full range.

Front Left Satellite

Power Supply Adapter
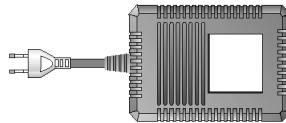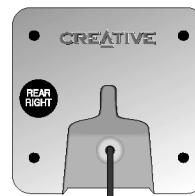
To audio source, eg computer audio card, 4-channel player, CD player. See page 10.

Subwoofer

Audio Connection Cable

Rear Right Satellite

Volume Control

Rear Left Satellite
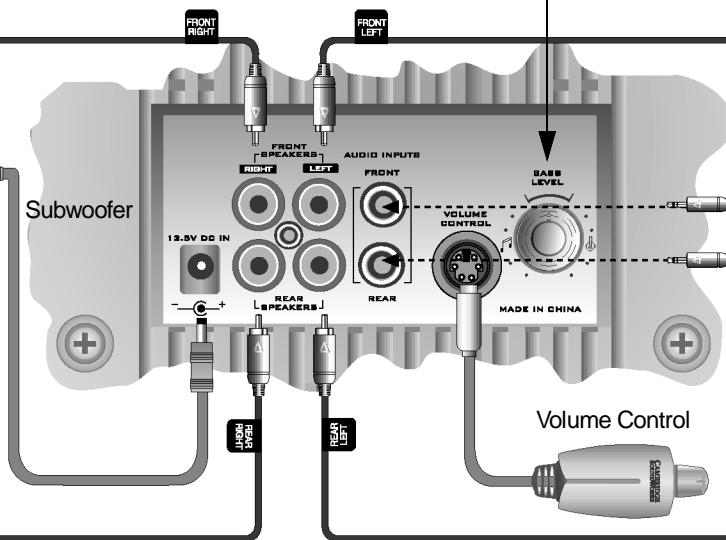
Controlling Noise and Distortion

FPS1500 has high input sensitivity, so it may amplify the hum and hiss inherent in some audio program sources.

This noise is not due to a fault in the speaker system. You can minimize this background noise by following these guidelines:

❒ Decide which volume control you would like to use as the master level control: the *FPS1500* volume control or the program source's volume control.

If you choose to use the *FPS1500* volume control, first set the program source's volume control high (at least 70% of the maximum level). Where there is more than one software level control, set all volume controls high. Then leave the controls. Use the *FPS1500* volume control to adjust overall output.

If you choose to use the program source's volume control, first set the program source's volume control high (at least 70% of the maximum level). Then adjust the *FPS1500* volume control until the distortion is inaudible. Set the *FPS1500* volume control aside. Use instead the program source's volume control to adjust overall output.

❒ Adjust the output control of your audio card until the noise disappears. This may require trial and error.

Specifications

FPS1500
Four-Channel Amplifier

Satellite speaker: **6 watts RMS per channel**

Subwoofer: 1**7 watts RMS**

These specifications apply to *FPS1500* operating from the supplied 13.5V 1.8A DC power adapter.

EAX

EAX is a collection of powerful, innovative audio technologies. Designed by Creative's world-class audio scientists and built into groundbreaking Personal Digital Entertainment (PDE) Internet solutions, EAX is changing the way audio is experienced.

EAX offers advanced, interactive audio and high-definition sound to a new generation of portable audio appliances, audio applications, and Internet services. Advanced technologies for incredible, cutting edge audio are built into powerful tools. EAX-enabled products let you shape and customize your audio experience, and include advanced audio features for music composition and sound design.

With its four compact, amplified satellite speakers and separate subwoofer, the *FPS1500* is an excellent entry-level EAX speaker system. With it, you will experience truly immersive 3D Positional Audio when used with the powerful Sound Blaster Live! family of audio cards. It is also the perfect multi-channel speaker system for use with Creative's other cool EAX-enabled products such as the NOMAD Jukebox.

For more information on EAX, be sure to visit EAX.creative.com.

Technical Support

We are committed to giving you the best product as well as the best technical support.

Note: Before contacting "European Help Line", please ensure that you have read the 'Troubleshooting' Appendix. The Creative web site at www.creative.com gives you access to the latest drivers and troubleshooting tips.

For fast and efficient Technical Support solutions, please use the Creative Web Support services in the first instance. If your Creative product was pre-installed in your computer, your primary source of technical support is the Personal Computer supplier who provided the system.

The European support area on our web site at **www.creative.com** is continuously updated and contains the following:

FAQ:	Access the latest information on Creative products with advice on how to resolve commonly asked questions
Solve Your Own Problem:	Enter keywords to search the comprehensive library of product and technical information
Download Drivers:	Quick access to the latest Creative drivers
Library:	Find the documents for a wide range of Creative products
Email Your Problem:	Complete the technical support web form and submit for a response
Telephone Support:	European Telephone Support contact details. See also European Helpline section in manual for contact details.

If You Have a Problem

Please retain all contents including packaging and proof of purchase until you are fully satisfied with product.

If you have a problem installing or using your Creative product, please use the Creative Web Support and/or Telephone Support services for assistance. Note the following information for reference should you require technical assistance:

❏ The model and serial number of your Creative product
❏ Error information on the screen and how it came about
❏ Information on the adapter cards which may be causing a conflict
❏ Hardware configuration information such as the base I/O address, IRQ line, DMA channels used
❏ Motherboard information: BIOS manufacturer/version and chipset manufacturer
❏ Type and version of your operating system, e.g., DOS 6.0, Windows 3.1x, Windows 95, Windows 98 or Windows NT

If, after using the Creative support services, you believe your Creative product to be defective, you should verify the purchase date and the take the appropriate action as detailed below:

Less than 30 days since date of purchase

Should your store receipt indicate that the product is less than 30 days old, you have the option of returning the full product to the dealer/retailer for a replacement or credit. The 30-day time period may not apply in all instances, so please check the seller's replacement/credit terms.

More than 30 days since date of purchase

Contact European Technical Support to clarify the nature of the problem and to obtain details of our repair returns procedure. Creative Labs requires that all returns for repair/replacement must first be issued with an authorisation number.

Returning a product for repair

❏ Contact Technical Support to receive your authorisation number for repair/replacement of product.

❏ Technical Support will communicate how to return the product in question for repair/replacement.

❏ You should only return the hardware item in question and return it to the address detailed by Technical Support. Please retain all software, accessories and the original packaging.

❏ Please quote the authorisation number clearly on the outside of the packaging in which you return the hardware item in question.

❏ Upon receipt of the faulty item, Creative Labs will process your request and arrange a return or replacement.

Creative may replace or repair the product with new or re-conditioned parts, and the faulty parts will become the property of Creative. The warranty period for your repaired/replacement item is 90 days from the date of shipment from Creative, or what is left on the original item's warranty, whichever is longer.

To avoid tariffs when shipping a product to Creative Labs from outside the E.U., you must complete the relevant customs documentation before shipping the product (please allow 30 days).

Limited Warranty

Creative Labs (Ireland) Limited ("Creative") warrants to you, the original purchaser only, that the hardware product will be free of defects in materials and workmanship for a period of two years after the date of purchase, or such other period as may be expressly specified by Creative or required by applicable law ("Warranty Period").

Creative's entire liability and your remedy will be, at Creative's sole discretion, the repair or replacement (with the same or similar model) of any hardware or accompanying item(s) not meeting the "Limited Warranty" explained above that is returned to Creative's authorised distributor or dealer during the Warranty Period with a copy of your receipt.

What this warranty does not cover

Note: This warranty gives you specific legal rights. You may have other rights which vary from country to country. Certain limitations in this warranty are not permitted by the jurisdiction of some countries, so some limitations here may not apply to you.

To the maximum extent permitted by applicable law, Creative disclaims all other warranties and conditions, expressed or implied, including the conditions of quality, merchantability or fitness for a particular purpose with respect to the use of this product. Creative also disclaims any obligation to support products for all operating environments - for example, by ensuring interoperability with future versions of software or hardware. In no event shall Creative or its licensors be liable for any indirect, incidental, special or consequential loss or for any lost profits, savings or data arising from or relating to the use of this product, even if Creative or its licensors have been advised of the possibility of such loss.

Specifically, this warranty does not cover failures of the product which result from accident, abuse, misuse, alterations (by persons other than Creative or its authorized repair agents), moisture, corrosive environments, shipping, high voltage surges, or abnormal working conditions. This warranty does not cover normal wear and tear. You are specifically advised to take a backup copy of any software provided with the Creative product for security purposes.

Creative European Help Line

CREATIVE LABS (IRELAND) LTD.,
Technical Support Department,
Ballycoolin Business Park, Blanchardstown, Dublin 15,
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Ireland
Tel   +353 1 820 7555

France
Tel   +33 1 55 46 87 77

Spain
Tel   +34 (91) 66 25 116

Italy
Tel   +39 02 4828 0000

Austria
Tel   +43 (01) 589 244 320

Belgium
Tel   +32 (02) 7171 198

Denmark
Tel   +45 3525 9498

Finland
Tel   +358 (09) 2294 3101

Norway
Tel   +47 2305 0401

Sweden
Tel   +46 (08) 7519 147

Holland
Tel   +31 (0) 205040616

Switzerland
Tel   +41 (01) 2121 868

Portugal
Tel   800 8 53066

Czech Republic
Tel   +353 1 8066964

Poland
Freephone 00 800 353 1229

Hungary
Freephone 06 800 1222

Russia
Tel   +353 1 8066967

Operating Hours / Heures d'ouverture / Öffnungszeiten / Ore d'ufficio / Horario de oficina / Openingstijden / Horário de abertura

EUROPE

Mon-Fri	:	Business Hours	Sat-Sun & Public Holidays	:	Closed
Lun. au vend.	:	Heures de bureau	Sam., dim. et jours fériés	:	Fermé
Mo-Fr	:	Geschäftszeiten	Sa, So & gesetzl. Feiertage	:	Geschlossen
Lunedì-venerdì	:	Orario d'ufficio	Sabato, domenica e festivi	:	Chiuso
Lunes-Viernes	:	Horario de oficina	Sábados, domingos y festivos	:	Cerrado
Maandag-Vrijdag	:	Kantooruren	Zat.-Zon. & Nationale Feestdagen	:	Gesloten
Segunda a sexta-feira	:	Horário de expediente	Sábado, domingo e feriados	:	Fechado

Internet   **To receive technical support via the Internet, please e-mail: support@europe.creative.com**
         Web Site   www.creative.com